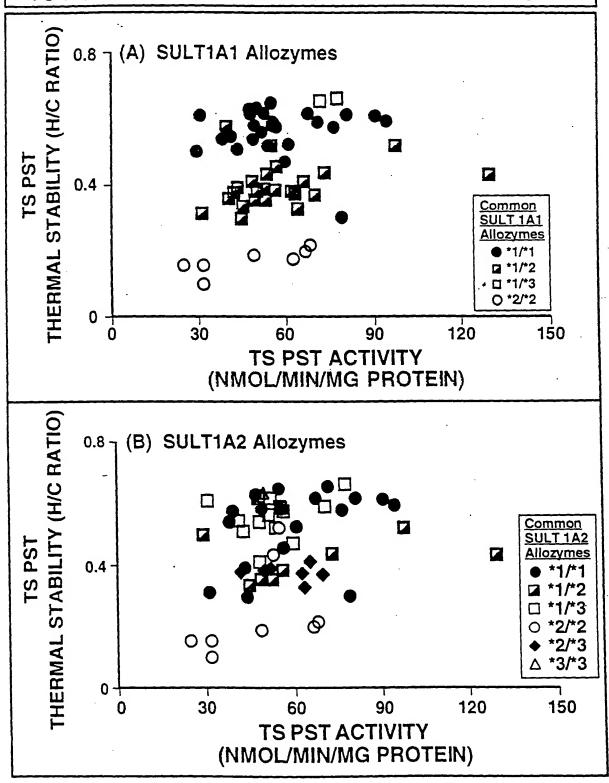


HUMAN LIVER TS PST GENOTYPE-PHENOTYPE CORRELATION



HUMAN SULTIAI GENE SEQUENCE

1	ECGCTGCCAG	czacztetes	ettertiftet gternassen	estacetore							
101	agageceacy	coats:sees	gtgagaggag	CASECTECOM	*********	Ascandache	##CSBBBCCC	5646455566	CCURCCCCOD	CEGC EGGSEF	
301	geeseagees	autscagess	CONTRACTOR	GEGEGEGET	ardereres.	Acaderess	4666683863	Accre chace	cagecdages	catesesses	
301	UTTOCCCOCOA	********	loteteete	ist carees	yequatecta	Ancedades	accaratect	Catetraber	creagggerg	paccedarda	
10:	CCRCOCOCOC	PARTITIONA	igictecete	COCCUE	COCCCCGGCA	accacarate.	g:cac:gccc	cladeCacce	gatotggetg	c Gac G Gac G a	
501	SEECOLECE	GCAGGCACAC	gacteggaat	- COST COST	Gadeadacer.	raacccase	cscccccc	cectacctat	established	.CTCC03CC3A	
602	22422424	acadherer.	tggacageee	carconadec	cagegeeese	22222222	agatactage	ddecradada	aggesatesa	essccadfå	
702	tetteresee	congreçace	tocacgetts	CACCOCCEE	ECCEECEE	redeaserd#	gesteactet	parcaccesa	Be: 839 Brac	ast ggcgcgs	
802			Chreerenda	Arred DG CGG	fffffffff	CCACCCCCC	AA TE SOCEOO	datencedae	atereare see		
20:			uace aggs c c c	crecaract.	CCCTGGCCCCC	LECCABACEC	CCC35CC-46	dtastctace	Carerrane	~~~~~~~	
		# 9 3 4 3 C R 4 C C	caccacacaca	AACCCCCCCCCCCC	edacrerced	ERCCCLAGCC	ACTA BACKAFF	DARGERA	PERSONAL		
1001	Acadare	Cucayaycan	96634655	CCBAGGBGBG	gaacgtggga	GCCC: CAAGS	COCK	PORFER SESA	-		
1101	AAAaaaaaa	395-394638	PRINCECCE	acgandaccc	COLDSPOR	CARAGRACEE-	* CRROR COOK	ONT OCCACAA	PERSONALES		
1201		-A-cerdace		COLUNCCION	COLUCTOCIO	BECRESCHAP	CAMARACTAM	のとりれるみのつてる	#32#44####		
1301	*B - B 5 A -	- oo coa cage	enderedace	GEESCECESE	CEEECAGGGA	CELALLICE	CEPACCCA	# COOCTETE		FOR BORDON	
1401	act chance	Beefeer Child	accetycaes	CSCIEDCESC	ENGLECTATIO	BECECACACE	Gipacecatt.	CCCCCCCCC	eperatan	######################################	
1501		anchessed.	add accees	CCTTGATAGE	CCCCCGSGGG	6636533000	CARCOCTORS	CELAGEROCO	****		
1601	3347000000	-Addresseda	3246669669	3333555953	ECCCEBECBE	2500000000	tetettete	2000ABP*CC	CAPHCCLCSA		
1701	****	Arrescre?	erestances.	acgeateret	Codsagecte	es: Jedacoo	CCERENCECA	CATAGERGER	PACCEMENT	-	j
1301		errengayey	353459494	002000000	こっちつせをひみとつ	eccccettec	2ccoaccera	Panerraces		-	
1901	XBek	207000	massacada G	Secarage C	COLCIGET	COMCEGEE	LC::cracea	TOTTOTATOS	*****		
2002	308000000		arrectadad	CERESSANCE	SEVERTEEF	2222223	ECCECCALOR.	APPRATRACE	PRFF 05-004		
2701			considered	CHECETER	7070CCL008	GESCALOSOC	20520000CC	CPRPAGRACA	CACEMAGES		j
2201	conserved		od craftrada	CAUDIDACCE	ttecadoscc	tocctatece	********	SPEAR PROFE		acce and	
2301	00828230		-28646	AGGGGGGGGG	GCCCAGGGGC	800CCA0UA0	CCCASTMACA	SEECOCHARA		4400	
2401	and har become	44	on Capaciff	CESCEDOCE	ttttcccttt	cattett cta	CCICCENCAC	AGCANACTOR	ME CHE DOCE !	********	1
2501	centageeeg		Argracesad	98999555	3208886262	CCCBCCCCCA	ACCCCAFCCC	EECCTECCC	AACCAAACCT.	3300000000	Ţ.
2601	cedaccoesa	*********	CAUCODALC.	ACCEPTANCE	CYCCALCTURE	AACAACCCCC	47	3/2/2003/2000	C13003CCC1	Catholic Colors and a	EXON IB
2701	CONTROCTOR .	71710-2700-1	L-CARGAGE.	C. GOCGGGGG	SCACEGETOR	accoseceas.	apacect cae	cetacreage	PRAFAMORECE	ASCREPAGES	2021110
2801	~~3~~3~75			coccesegget	acccentre.	BOACABCCCT	decet acata	Ant ceceete	cetteccta	P:/7PPPmpp	1
2901	ccccccc	33333466cc2	Adrestaced	resectage.	COGRACES	toddalcctn	CCCBCLGCBG	CCTCTBARTC	Changerera	OCCUPERCE	1
3001	tyccaeagco	Letggagtag	Ctaggactae	AGGCCCLCAP	CACCCPACE	docen-co-	teractions.	Pressure	-chalcress	Achaerere	
3302	atgetgeace	pggetggtet	CCBSCLCGEA	sectearect		taggarryr.	COLUMN TO COLUMN	account.	-ccabadaca	ASSCREEGES	I
3201	catcagagtc	tentteatte	CCSCSSCAGE	Leigecerer	AGE ACCCCCC	CASTROCKE	ARCOGGEGGG	PERCENT	Abectácács	ereaceasas	Ī
3302	aggeaagteg	atesesonee	toggggggg		CACAGOGGC	COULCECCE	acadaccaca	ECEGECEEGO	eacceadate	gactgegnee	EXON IA
3401	STCCCAGCAG	ANTOGRA	GACLANGERS	CONCORRE	FUCUTATIONS	Cacacacacac	GCTCAAGGAC	DODAUCATET	CCACCCOOTO	GAGGC GCCC	EAUNIA
3501	CATTACACAC	THE ATAREST	GGGGGGGGG	CT1 CT1 CT			TOUTAGAGET	TCCTCAGTGC	AGC: BGACTC	TCCTCGACAC	,
3601	CT.CACACAC	necadaera	000380030	777	GC 1111CAC VI	EL N. SCCT	TOTAL PROPERTY.	CETTSEGATIVE	TRAACACCTC	UGC SCIENCY VI	1
3701	CECARCOCCO	readerer .	AAAAGGGGGG	Bearcadede	cedaccedde	tttcagccec	a deceadacy	ctgactgpet	tigtgagtgc	gggcaagtcs	1
1801	cccagectec	TRACETOR	CCACCACACC	Canadacead	SACCESSEE	tettaetact	CEGALUAGERG	taagggaacg	bucccancre	Eggetetas	
1	caesagraes.	* 1. T	CORRECTION	Terrocette.	CACTGUAGTA	CCTCALAGGGG	descenter.	TCAAGTACTT	TGCAGAGGCA	CTGGGGGGGGG	EXON II
3901	TOTACAGE T	CACCOCCC	Q D 7	-	- F X	V X F	<u> </u>		<u> </u>	<u> </u>	1
}	TGCAGAGCTT	0 1 8	CC10010VCC	MANAGE .	CALCANCECE	VYCICCCAEP	*8024444	gecaectace	ctctcccagg	tggcagcccc	1
4001	CACCETOGGG	0 2 3	PDDL	4 4 3	<u> </u>	X 3 G					
,,,,,	coccestace .	- Acade Acca	racecrate	erdersyees	CECAECECEE	teccecteca	SECYCCYCCL	GOGTGAGCCA	eyisciaavc	yardyard (EXON III
4101							_ : * *	v s Q	: L <u>D</u>	OYIK	j
4101	ASSETTECTER (CIGGEGAAG	TOTCACCOAG !	cicconscii	CYLCCCCCLC	cccrrcciid	XCTTCXXXCC	CCCNOSCYLL	CCCLCYCOSE	tgtgagtgtg	1
4203	_ د د د د		A R M	<u> </u>	<u> </u>	<u> </u>		P 6	P g g		
4201	testpooter :	202003050	Geggeegece	3446525446	tteageteae	2222228043	1196070AC	TAREPETED T	GGAGACTOTA	AAAGACACAC	EXON IV
	1								~ ~ .	V " " "	í
+30T	caeccacyca :	CICIGANS .	ACACACOTGC	cocceacies	CCTCCCCCAC	TC:C:G1:GG	ATCACABGGT	CAAGDLODGG	CBUDGEBESO	145553535	1
1	<u> </u>	<u> </u>	<u>r r r r </u>	LAL	LPO	7 6 6 5	0 x v	* 1			}
4401	CCACABCCCC (IGCSCCCCQg .	gaggetgagg :	CAGGCAGACC	ACCEDBOOCE	gggagt*tea	gaggaggetn	Aggastatag	ASSACCELS	663343333	
4501		.cajceggge	araaraacaa .	BETTTTTTE	CCCCAGCLAC	tetanadeet	GAGACAGRAG	ARECREEER	ACCURACEAGA	AGGSCGFFGF	•
4601	aseseses.	-344-06-	ercacattee	#36car336c#	42302004	ABCECACAAA	SALBAREARR	ASADESCACS.	PAPRACEDAS	ASCARBACTS	1
4701	, , , , , , , , , , , , , , , , , , ,	Artherese	chechipased :	ccagesertt.	CZDADUGCAA	ADDIDESSA	CCSCEERINGS	tenggageta	CAMACCAGCO	COCCABACAC	}
4801	ARABOMETER (acceciaca .	equechcues :	acaccageag .	1948 <i>294</i> 144	Caldacacta	LAGGECCECC	Lactonage	ECCHARGEEN	GAGGREGCE	1
4901	endancerand a	188 cc 2400c	caceacials:	estrateset	CCAGEGGACE	CCAACCEGGG	CSBCSGSSSS	ASSCRIBER	CAACGEETLE	ezecttttt	i
5001	Andacidese !		ermanthmet :	2000003354	3834 CARROL	22522262666	CCACAATTAA	AAGAAAAGE	AAARDEECAG	at at anome a	i
3101	chelonores i	1220288088	ccc:dBccc3 :	geecagetti	TECCETALES	AAADDD2233	gtepeetese	Etecterane	CEROECECSE	cctcrococc	}
5201	DAGAA	Acceptede	cccaaciacc .	DOUGACCE NA	99CECEECA9	ECTACACCES	BURBARCEAG	AGGGEGGGEC	CEGACAGGCC	CACRABACTE	1
1301	gatagengta (gatcacege	togtggagen	coscttoere	casatroom	Edicarorar	PRATOCACE	-44444446	CARAMPARA	footor con-	}
5431	Caccadocad (settigget	cetgageage		Loagtroner	CLACLUSTON.	retmester.	CHARLINGTO	ACCTCT-CC	- nanceoff	
5501	escetttate :	SCCSSODS .	etquectere.	20000000	etatarner-		aucture.	Personana.	- Accessed	100000000	EVON V
1	1								- J U V	17 4 15	EXON V.
5601	crycecyrye (violecese .	PURCENALTA I	CONCENTRAC	CACAMICOTTA	700000 s	***	Jungen L	demonstrated a	C33C	ł
	M A X I	VAV	8 4 4	N A A	T W 2 ~		· ·	ALL STREET	APOTOUR.	- CATG	į
5701	GTCGGAGAAG	59995:500	GGGGGGGAA	TARRET CO.	40000r	V R F	P 7 0	. 4 0 8		<u> </u>	ļ
	VGBV		and - and and		-2rcA+8888	-Adeadesse	escâcyce3c	secccacac	-aacsccct	rdcccaccc	1
5801	seconieses 3	ACCCATTO	CTACTACTA	TOTAL SANCE	North Control		0010-1		2241 22		************
1	2			WINDS IN	100100000	TUNGCEGENE	COACCOUNT	CICTACCICT	ICIVICYYCY	CATCLIGGIG	EXON VI
5901	SEGREFORE S	Tatasacc	YON	- G R	<u> </u>	5 R T	R P V	PAFA	YED	NRE	į
6001	gegagaccac c	datrones :		- caseseerg	à à à cod à cac	cscacaggga	CCCCCCBOOD	f cacceage	ccetecctig	geageeessa	
1000	4434433466	Ancrescon	recracesse :	ctaocccaaa ,	CCLCCCCCCC	AFAGRCCCC.	act abresed		aderorese.		}
0777	dearrangers t	300000000	:3CDD5E:580	BAACS LAGES	CEREPOREAR	ercetaces.			*****		. 1
4444	-cardacrer c	acceses a	EGGC4EGEEC /	DOCCESEDAL .	DEDES SAPES	GGC3GBCsGC	4474773366	accecendos.	ctanonceer	agoont then	ļ
1	ATTICABLE C	96944666	DD&D&DP###	LOOCCEGATC	accectana.	PPROGRAMM	OGRACOCKE.	BACKFFFOOR	GREECHGORD	FEGGGGGGG E	1
8401	caccasansa c	cctctnctg:	secouracte (CHANNEGGAG ,	YLICHTIG	TCCTGGAGTT	TOTOGOGIAC	1CCCTCCCO6	AGGAGACCCT	GGACTTCATG	EXON VII
,	1		N P	X 2 2	7 n e t	7					
6501	מדייבאפכאכא פ	alcellery (CACATCAMS:	MENNECETA .	TCACCAACTA	CACCACCGTC	CCCCAGGAGT	TCATGGACCA	CAGCATCTCC	CCCTTCATGA	
1	l* 4	3 4 5	E_R_X		T X Y	# T V		w 15 W	4 + 4	D F 10 12	
6601	recession of the control of	ractogcca ;	rtacyggggt	£668886888	¢999agcage	agetgcages	SCCCACAGO	Coetcadaac	cttccctggg	Acgagactco	
)											
67/12	sgccttgete c	ecacetee (CCCCC68GCC	ATGCCTGGGG	VC:OCHACYC	CACCETTOACC	CTCCCCCAGA	ATCACCCCT	CONTECCON	TATGCGGAGA	EXON VIII
				4 4 9 5	W X T	T F T	A 7 0 9	* * *	3 A D	YARK	
6802	ACATOCCIOS O	TOCKGCCTC /	ACCTICCOCT (::EXCC::E	Vercasacie.	CTGGGGTCAC	TOCAGAGGGA	CTCTCCGAAT	CHACESET	CANGCSSCT	
}	M P G	C S L :	FRS	EL							
6301	ARCANTALA T	ATGANITGA (GGCCTGGGA (COGTACCTCA	TUTCTUTAA?	CCCACCAATT	TEGACOTTON	GGTGGTÄGTÄ	TCATTOME	CCACCACTO	l
7001	מאטינכאינה ב	COSCANCAT	ACTGAGATTC	107", 333333	373337131	ATALLECTES		GAGAAP	CAEnstent	DECCAGOO	'
7101	agtggeteat d	7152						Andergraps	-deAnerS:3	Adecadacse	
											

Similar 1. SOUTIAL game sequence. Door sequence is shown in uppercase, while intron. S'ellenking region and 3'-Clenking region sequence is in lowercase. The 'ATC' cranslation initiation codon and the 'TCA' translation termination codon are underlined. Asino acid sequence encoded by the gene is listed in single-letter code beneath the nucleocide sequence.

HUMAN SULT1A2 GENE SEQUENCE

-3729		
-1623	CICICCITIC ENGINEER CONGREGATE Sectograms Stationages Spacetrick Stationages Controlled edgetandag econograms	
-3523	croccities and acted crocks and accordance accordance selected constitues accordance concedent	
-3429		
-1329		
-3223		
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-7229		
-2129	escavates districts districts considered controlles destocted confected specialists conducted controlles controlles controlles destocted controlles destocted controlles destocted controlles describes destocted controlles destocted	
-2029	and content by an angular desired the second of the second to the second	
-1529		
-1829		
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-1229		EI F
-1129		
-925	AND THE PERSON ASSESSED ASSESSED ASSESSED FOR THE PERSON ASSESSED ASSESSEDA	
-829	District Control of the control of t	
-729	etoppercas despeties educated tresseret odecareda caractes addresars passes etteranda trattabens etoppercas despeties addresars address addres	
-629	enridering resessed includers sessested octobace constructs accededs contable transcript were well and acceded	
		4 IA
-528	GASTATOGE COCCAMING ATTACAGES TOUCHAGOT AGASTICS ACATOTOAGS GESCOLOGOG CTLANGOAGS GEALCATEG OGAGAGOAGS	
-429	TOTAL TOTAL CONTROL CITCULAR GAMITEDICA CAPALLERES GOTTLESTES ACTUACION CAPACIDADE GOTTLESTES GOTTLESTES	
-329	Construction of the property o	
-225	TOTAL TO LOCAL TOTAL PROBE CONCERNMENT OF THE PROPERTY OF THE	
-129 -29		
1 -43	TANDELLE TO THE PROPERTY OF TH	N 11
73	TOCAGNOCIA CTGGGGGGGG TOCAGNOCTO CANGGGGGGG TOCTCATCAG CACCTACCC AAGTCTGAG GGGGGGGGGGG	
	A A A G F G D S F G A R F G D S S T T T F R A A	
172	thetaceaed topicaptone sacringing appragram topicalcute agentactic enterestet conspilation corrective	
		111
272	GENGATICAS GACATGATET ACCAGGGGGG TGACCTGGAA AACTGTCACC GAGTTCCCAS CTTCATGCGG GTGCCCTTCC TTGACTTCAA AGTGCCACCC	
	14 * b <u>U.D 1.2. 2.0</u> 0 0 0 7 7 7 7 4 8 4 2 7 7 8 4 8 4 8 7 8 8 8 8 8 8 8 8 8 8 8 8	
372	VALCOTTON ACACCASE ecchancies southered aderdrend dischance connerges obsetted charcescen crestigate	N IV
172		
-//-	CHENTETEN MANCHES DECREAGES ETECTIONED CHENCETOCE CONCENTED COCCERNE CONTENTED TENENCOTE ANDROAGES	
572		
672	Egggracost spatiated statatace dravering spaceages dravered abstrace creataces dravered transcent control dravered control dravered dravered spatial dravered dravered control dravered control dravered control dravered dravered dravered dravered dravered dravered dravered control dravered dr	
772	confidence accountages recondend diducedable secretated despenseds therefore conditions continued distributed	
972	THE TAXABLE PARTICULAR PROPERTY OF THE PARTICULAR STREET, AND THE PARTICULAR PROPERTY OF THE PARTICULA	
372	The state of the s	
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1972	PRODUCTEL CECEFFEFFE TELECTICA PROCESSAGE COCCOCCOC ASSASSAS ASSECTACION ASSASSAS ASSOCIATOR	
1972	AANTHADA COMMINADA BANDECECAN EECAGESEAN CEEEGAGGEE ORECEEGAN ANAMECROE CEARCECCEC CAMARIEDES ENVERTEUR	
2072	AARABARA AARA-BARA PERCENSES BARBARAC SEGRIFICES SECRETARIA CEFROSERS GINGROUND UNICOSERS DECAMBERA	
2172	reduced deadacter dattread caddated brontweer daterate defered destrates protesses assember stockdater	
2272	extractoris socravaces adebaseable sodicatobod cabbateast databateds orbobaseas decerciades essenting exportanting exportant and accordance deservations and accordance and accordance deservations are accordance and a	
)	¥
2372	CONTRACTOR ALAGORATOR CONTINUES ACTACHACTA CHACCACATO OCCAMAGIGO ACCORDANTE CONTINUES	٠
'		
2472	invitations annihilate constituted designate didigations indicidated contracted contracted didicated	
2572	STREET, STREET, SOUR PROTECTION ACCRECATION ACCRECATE CARCELLOCK PRINCIPLE STREET, AND ACCRECATE EXCHANGE	1 V E
2672		-
4014	CHACATERADA CORECTERRA ESCECECICA CACATERCAC CERPORPEAS SCACETCORD PARAMETRICC PRODUCTOR AGGRACCOCC CETABRADA	
	Lating Control of the	

finite 1 STATIAN sens requestes. Even requestes is about in uppercase, while intron. 5'-flanking region and 1'-flanking region servence is in loweresse. Amino acid sequence encoded by the gene is listed in single-letter code peneath the nucleotide sequence.

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1 acctctgcct cctggttcca agcaatcctc cttcctcacc ctccagagta gctgggatta
  61 cacgegeetg ccacegegee tggectaatt tttgtatttt tagtagagat gggggtttee
 121 aaccatgttg gccaggctgg tctccaaact cctgacctca ggtgatcctg cccacctaag
 181 cctcccaaaa tgctggtatt acaggcatga gccaccgtgc ccggcctaaa taattaataa
 241 aataatggac gatgggtgcc ttctactgag ctcccggtaa ttgtgagtga gtagaggact
 301 tgccctgggg acattcagtg acctgctggg tgttgctgag ctgtgaggaa gttcaggtct
 361 ggctgcagtg gtgaggctgt gactcaatca atcactgctg atgctcccag gacctgcacc
 421 agettagtee taggggcaag gattttaact gtecacetea gtttetteat ttgtaagatg
 481 caaataacag teaccectge etcatgggat ggagetgtgt aatgeeegea acagtgeetg
 541 ctgcatagag gggttgctgc cagctgcctc tccctccttg tctcttacct gcctgctgcc
 601 tagatcaca tagagaga codttatat gooccacco tagatacta ctaagagacc
 661 atgtgatetg cetggcagag gagtttette aggaagaace agggcagett etgeceetag
 721 agggccaatg cccttggtga gtgcagtccc ctggccccag cctggtccac ctctgggaag
 781 agggtgccca gttgtgcaat ccaggcccag gcagctgagc cctcatctca gcatgcaggg
 841 cggatactgg agggggcttg tggcatctga ctctgtatct cctacctgcc cctctccttg
 901 gtadctgtga gaagtcactg ctttggggag acctgatctg gctgtgccag atggacactg
 961-agaaagaagt agaagactca gaattagaag aggtgagtgg gctttggtgg cgggctccct
1021 accccactcc ctgccctggg ctgcctgtga ccacactgct tgcctctgca ggcacactgg
1081 acagacctgc tggagacctg atcetcagtg tccttacccc ctcctacctc ttttctgtgc
1141 cacctgctgt gggtccagca ggtttttact tgagtacaat aaaaagtctg agtcaagggt
1201 gccttatggt ggatgctgag gggaggggcg gagctagtag cccaaggtcc tgccagtcac
1261 ggggetteet caggggeaca gaggaggeag gaggggeece tggeectage acgtgaacag
1321 cttctactct gcctggaaac cccatgcctc agctttcccc tacttgcctc tgagctcatg
1381 caattettgg aageetggga gaettaeett gaaattgaat geaaatagga caaagaeeaa
1441 ggaggatggg gggatgccct ccttccacgg ggccctgtgg cttccaagtc ttaatctcct
1501 ctagtetett gtetaeggag ceteetteaa acceagggaa agaaaageae etgeeagggt
1561 tgtttttctt ctaggatctt ctattgatgc tctgtgaggt cccccaggag ccatgaagct
1621 agggctggct cctagggcaa tgggactaca gtgtccttgt cctttctat tctttctgtt
1681 ctttcttct ttcttttt tttttttt tttttttgag acagagtctc actctgttgc
1741 ccaggctgga gtgcagtggt gtgatcttgg ctcactgaaa cctccgcctc ctgggttcaa
1801 gtgattetet tgcctcagee teetgagtag ctaggattae aggtgeeege catcatgeee
1861 agctaatttt tgtattttta gtagagacag ggtttcacca tgttggccag cttggtctcg
1921 aacteetgae eteaggtgat eetgetgeat egaceteeca aagtaetggg attacaggeg
1981 tgagccacca cgctcagcct ctttcttgtt ctatatgtcc atgctctgct ccacttctgc
2041 cccttcactc tgccccacac atcactccag actggccttg tggtcagage ctggaatgcc
2101 tgggctgctg ggggcctgtg gactgcactg ggccagaacc cctgccgcct tcaagactgg
2161 cctgtagcca gcaggtaggt gacttttccc aggccggcct atcccacctt tcccctccac
2221 teactcacet ecettgeetg ggteaattag agaaagettg teggeeagge atggtggete
2281 atgeetgtaa teteageaet ttgggaggee gaggegggeg gateatetga geteaggagt
2341 ttgagaccag cctggccaac atggcaaaac cccgtctcta ctaaaaatac aaaaattaac
2401 cggatgtggt ggtgtgcacc tgtaatccca gctactcggg aggctgaggc agaagaatcg
2461 cttgaaccca ggaggggag gttacagtga gcggagatcg tgctactgca ttgcagcctg
2521 ggcgagagag cgagteteca teteacataa aaaaaagaaa aagaaagaaa gcaagettgt
2581 ctgttggcct gccctgcagg gtggagttca gagggaaggt caggagccta gtgacagctc
2641 aaaaaaaaa aaacccaaat accaatgttg gccccttttg cctttcattc atgtgttttc
2701 tatacactaa actcacatat tgggtttgca gatcactcca agcttggctg gagctgtggt
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